

PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 3130.01US02

Dittberner

Confirmation No.: 8440

Application No.: 10/689,569

Examiner: Not Assigned

Filed: October 20, 2003

Group Art Unit: 2857

For: MEDICAL HEARING AID ANALYSIS SYSTEM

---

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included. Copies of the cited publications are enclosed for the Examiner's convenience.

Application No. 10/689,569

Respectfully submitted,



Brad Pedersen  
Registration No. 32,432

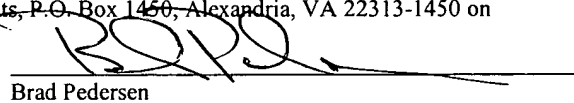
Customer No. 24113  
Patterson, Thunte, Skaar & Christensen, P.A.  
4800 IDS Center  
80 South 8th Street  
Minneapolis, Minnesota 55402-2100  
Telephone: (612) 349-5774

*Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.*

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 23, 2004  
Date of Deposit

  
Brad Pedersen

Substitute for form 1449/PTO			Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			Application Number	10/689,569	
			Filing Date	October 20, 2003	
			First Named Inventor	Dittberner	
			Art Unit	2857	
			Examiner Name	Not Assigned	
Sheet	1	of	3	Attorney Docket Number	3130.01US02

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
		US- Re 34,961	06-1995	Widin et al.
		US-5,703,797	12-1997	Russell
		US-5,729,658	03-1998	Hou et al.
		US-5,870,481	02-1999	Dymond et al.
		US-5,923,764	07-1999	Shennib
		US-6,366,863	04-2002	Bye et al.
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		WO 99/31937			

EXAMINER SIGNATURE	DATE CONSIDERED
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>			
				Application Number		10/689,569	
				Filing Date		October 20, 2003	
				First Named Inventor		Dittberner	
				Art Unit		2857	
				Examiner Name		Not Assigned	
Sheet	2	of	3	Attorney Docket Number		3130.01US02	
<b>NON PATENT LITERATURE DOCUMENTS</b>							
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T <sup>2</sup>
		Website print-out: <i>FONIX<sup>®</sup> FP40 &amp; FP40-D Hearing Aid Analyzers</i> , Frye Electronics, Inc., Tigard, Oregon, 7 pgs.; undated.					
		<i>Ultra Low-Power Noise Reduction Strategies Using a Configurable Weighted Overlap-Add Coprocessor</i> , R. BRENNAN, T. SCHNEIDER, W. ZHANG, Dspfactory Ltd., Canada, 3 pgs.; undated.					
		Website print-out: <i>UCL Enhance Home Page</i> , UCL Enhance, Mark Huckvale University College, London, U.K., 3 pgs.; Copyright 2000.					
		Website print-out: <i>Valerie Hazan Research Activities</i> , V. HAZAN, UCL Phonetics & Linguistics, U.K., 3 pgs.; undated.					
		<i>Speech Enhancement and Segregation Based on the Localisation Cue for Cocktail-Party Processing</i> , E. TESSIER, F. BERTHOMMIER, Institut National Polytechnique de Grenoble, Grenoble, France, 4 pgs.; undated.					
		<i>Telecoils in Hearing Aids in the USA</i> , Hard of Hearing Advocates, Framingham, MA, Spring Edition, 4 pgs.; Aug. 29, 2002.					
		<i>Speech Segregation Based on Sound Localization</i> , N. ROMAN, D. WANG, G. BROWN, Technical Report Ohio State University-CISRC, Department of Computer and Information Science, 26 pgs.; June 2002.					
		Website print-out: <i>PMC/BRYSTON GET HIP</i> , Bryston News, Bryston Limited, Canada, 3 pgs.; Vol. 5, Issue 5, September 2001.					
		<i>FONIX<sup>®</sup> 6500-CX Quick Reference Guide to Testing Hearing Aids with the FONIX 6500-CX</i> , Frye Electronics, Inc., Tigard, Oregon, 46 pgs.; Copyright 1997.					
		Website print-out: <i>Aurical<sup>™</sup></i> , Instrumentation Associates, Inc., Broomall, Pennsylvania, 2 pgs.; Copyright 1999.					
		<i>FONIX<sup>®</sup> FP35 Hearing Aid Analyzer</i> , Frye Electronics, Inc., Tigard, Oregon, 7 pgs.; undated.					
		<i>SiS2000 Ambisonics</i> , D. MALHAM, The University of York, York, England, 10 pgs.; March 2000.					
EXAMINER SIGNATURE					DATE CONSIDERED		
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p> <p style="text-align: center;"><i>If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</i></p>							

Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/689,569
				Filing Date	October 20, 2003
				First Named Inventor	Dittberner
				Art Unit	2857
				Examiner Name	Not Assigned
Sheet	3	of	3	Attorney Docket Number	3130.01US02
NON PATENT LITERATURE DOCUMENTS					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Hearing Aid Analyzer MS25, Interacoustics, Assens, Denmark, 2 pgs.; undated.			
		Hearing Aid Analyzer MS40, Interacoustics, Assens, Denmark, 2 pgs.; undated.			
EXAMINER SIGNATURE				DATE CONSIDERED	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p> <p><i>If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</i></p>					